



Attorney Docket No.: PATENT  
SS1-08100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) Group Art Unit: 1762  
Joseph Hillman ) Examiner:  
Serial No.: 10/639,077 ) **TRANSMITTAL LETTER**  
Filed: August 11, 2003 ) 162 N. Wolfe Road  
For: **ALIGNMENT MEANS FOR** ) Sunnyvale, CA 94086  
**CHAMBER CLOSURE TO** ) (408) 530-9700  
**REDUCE WEAR ON SURFACES** ) Customer No.: 28960

MS: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

Enclosed please find a Supplemental Information Disclosure Statement, and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

A \$180.00 check is also enclosed pursuant to 37 C.F.R. § 1.17(p) for filing this Information Disclosure Statement after three months as set forth in 37 C.F.R. § 1.97(c).

You will also find enclosed the associated Transmittals, Electronic Information Disclosure Statements, and United States Patent and Trademark Office Acknowledgment Receipts for the electronically filed Information Disclosure Statement (EFS ID #74292) filed on December 15, 2004.

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

Dated: 1-7-05

By: Thomas B. Haverstock  
Thomas B. Haverstock  
Reg. No.: 32,571

CERTIFICATE OF MAILING (37 CFR § 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

Attorneys for Applicant

HAVERSTOCK & OWENS LLP  
Date: 1/7/05 By: [Signature]



PATENT  
Attorney Docket No.: SSI-08100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Joseph Hillman

Serial No.: 10/639,077

Filed: August 11, 2003

For: **ALIGNMENT MEANS FOR  
CHAMBER CLOSURE TO  
REDUCE WEAR ON SURFACES**

) Group Art Unit: 1762

) Examiner:

) **SUPPLEMENTAL INFORMATION**  
) **DISCLOSURE STATEMENT**

) 162 N. Wolfe Road  
) Sunnyvale, CA 94086  
) (408) 530-9700

MS: Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

United States Patents or Published Patent Applications have been filed electronically (EFS ID #74292). Applicants have become aware of the following printed publication which may be material to the examination of this application:

- Japanese Patent Abstract JP 40 5-283511 A; and
- Japanese Patent Abstract JP 2001-77074.

01/11/2005 JBALINAN 00000003 10639077

01 FC:1806

180.00 OP

This Supplemental Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that anyone or more of these citations constitutes prior art.

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

Dated: 1-7-05

By: 

Thomas B. Haverstock  
Reg. No.: 32,571

Attorneys for Applicant

CERTIFICATE OF MAILING (37 CFR § 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

- 2 -

HAVERSTOCK & OWENS LLP.

Date: 1/7/05 

FORM PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.: COOL-08100

Serial No.: 10/639,077

## INFORMATIONAL DISCLOSURE STATEMENT BY APPLICANT

Applicant: Joseph Hillman

(37 CFR § 1.98(b))

Filing Date: August 11, 2003

Group Art Unit: 1762

## U.S. PATENT DOCUMENTS

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	AK	JP 40 5283511 A	10/29/93	JP	H01L	21/68	X	
	AL	JP 2001-77074	03/23/01	JP	H01L	21/304	X	
	AM							
	AN							
	AO							

## OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	AP	
	AQ	
	AR	
	AS	
	AT	
	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	

Examiner:

Date Considered:

EXAMINER:

Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention	ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES									
Submission Type:	Information Disclosure Statement									
Application Number:	10/639077	*10/639077*								
EFS ID:	74292									
Server Response:	<table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>6943</td></tr><tr><td>USPTOEFSNotice</td><td>The documents provided in this submission were accepted by the USPTO. However, the fees associated with new utility and provisional Electronic Filing System (EFS) submission were not accepted by our automated systems because the USPTO software has not yet been updated for the fee structure and amounts required by the Consolidated Appropriations Act, 2005, Section 801, of Division B. In due course a corrected fee may be assessed due to changes associated with the Appropriations Act. We will charge the amount indicated in your submission. If at least the basic filing fee accompanied a new utility or provisional EFS submission, then no surcharge based on fee deficiency will be applied when any fee deficiency is paid. For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll -Free Number: 1 866 217-9197 Website: <a href="http://www.uspto.gov/ebc/">www.uspto.gov/ebc/</a></td></tr></tbody></table>		Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	6943	USPTOEFSNotice	The documents provided in this submission were accepted by the USPTO. However, the fees associated with new utility and provisional Electronic Filing System (EFS) submission were not accepted by our automated systems because the USPTO software has not yet been updated for the fee structure and amounts required by the Consolidated Appropriations Act, 2005, Section 801, of Division B. In due course a corrected fee may be assessed due to changes associated with the Appropriations Act. We will charge the amount indicated in your submission. If at least the basic filing fee accompanied a new utility or provisional EFS submission, then no surcharge based on fee deficiency will be applied when any fee deficiency is paid. For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll -Free Number: 1 866 217-9197 Website: <a href="http://www.uspto.gov/ebc/">www.uspto.gov/ebc/</a>
Confirmation Code	Message									
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application									
ICON1	6943									
USPTOEFSNotice	The documents provided in this submission were accepted by the USPTO. However, the fees associated with new utility and provisional Electronic Filing System (EFS) submission were not accepted by our automated systems because the USPTO software has not yet been updated for the fee structure and amounts required by the Consolidated Appropriations Act, 2005, Section 801, of Division B. In due course a corrected fee may be assessed due to changes associated with the Appropriations Act. We will charge the amount indicated in your submission. If at least the basic filing fee accompanied a new utility or provisional EFS submission, then no surcharge based on fee deficiency will be applied when any fee deficiency is paid. For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll -Free Number: 1 866 217-9197 Website: <a href="http://www.uspto.gov/ebc/">www.uspto.gov/ebc/</a>									

file://G:\IDS-E-Filed\SSI08100\SSI08100-xmre.xml

12/15/2004

Acknowledgement Receipt

Page 2 of 2

First Named Applicant:	Joseph Hillman																										
Attorney Docket Number:																											
Timestamp:	2004-12-15 17:33:14 EDT																										
From:	us																										
File Listing:	<table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th></tr></thead><tbody><tr><td>us-ids</td><td>SSI08100-usidst.xml</td><td>2441</td></tr><tr><td>us-ids</td><td>us-ids.dtd</td><td>7763</td></tr><tr><td>us-ids</td><td>us-ids.xsl</td><td>12026</td></tr><tr><td>package-data</td><td>SSI08100-pkda.xml</td><td>1678</td></tr><tr><td>package-data</td><td>package-data.dtd</td><td>27025</td></tr><tr><td>package-data</td><td>us-package-data.xsl</td><td>19263</td></tr><tr><td colspan="2">Total files size</td><td>70196</td></tr></tbody></table>			Doc. Name	File Name	Size (Bytes)	us-ids	SSI08100-usidst.xml	2441	us-ids	us-ids.dtd	7763	us-ids	us-ids.xsl	12026	package-data	SSI08100-pkda.xml	1678	package-data	package-data.dtd	27025	package-data	us-package-data.xsl	19263	Total files size		70196
Doc. Name	File Name	Size (Bytes)																									
us-ids	SSI08100-usidst.xml	2441																									
us-ids	us-ids.dtd	7763																									
us-ids	us-ids.xsl	12026																									
package-data	SSI08100-pkda.xml	1678																									
package-data	package-data.dtd	27025																									
package-data	us-package-data.xsl	19263																									
Total files size		70196																									
Message Digest:	8b5b7e509ccc95e9f596bf00616eab22cde0649f																										
Digital Certificate Holder Name:	cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US																										

file://G:\IDS-E-Filed\SSI08100\SSI08100-xmre.xml

12/15/2004

TRANSMITTAL							
Electronic Version v1.1 Stylesheet Version v1.1.0							
<b>Title of Invention</b>	<b>ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES</b>						
Application Number:	10/639077 *10/639077*						
Date:	2003-08-11						
First Named Applicant:	Joseph Hillman						
Confirmation Number:	6943						
Attorney Docket Number:							
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>							
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table>		Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney
Submitted by:	Elec. Sign.	Sign. Capacity					
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney					

<b>Documents being submitted</b> us-ids	<b>Files</b> SSI08100-usidst.xml us-ids.dtd us-ids.xsl
<b>Comments</b>	

**ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v1.8

Stylesheet Version v1.8.0

Title of  
Invention**ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON  
SURFACES**

Application Number: 10/639077 \*10/639077\*  
Confirmation Number: 6943  
First Named Applicant: Joseph Hillman  
Attorney Docket Number:  
Search string: ( 3623627 or 4426358 or 4574184 or 5374829 or 5474410 or  
5879459 or 6048494 or 6062853 or 6089377 or 6406782 or  
20010050096 ).pn.

**US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	3623627	1969-08-22	Alan S. Bolton			
	2	4426358	1984-01-17	Johansson			
	3	4574184	1986-03-04	Wolf et al.			
	4	5374829	1994-12-20	Sakamoto et al.			
	5	5474410	1995-12-12	Ozawa et al.			
	6	5879459	1999-03-09	Gadgil et al.			
	7	6048494	2000-04-11	Annapragada			
	8	6062853	2000-05-16	Shimazu et al.			
	9	6089377	2000-07-18	Shimazu			
	10	6406782	2000-06-18	Johnson et al.	B2		

**US Published Applications**

Note: Applicant is not required to submit a paper copy of cited US Published Applications

Init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20010050096	2001-12-13	Costantini et al.	A1		

Signature

Examiner Name

Date